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Attorney's Docket No. 035576/271443

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Ogiwara et al. Confirmation No.: 6724  
Appl. No.: 10/706,862 Group Art Unit: 1711  
Filed: November 12, 2003 Examiner: Zemel, Irina Sopjia  
For: COMPOSITION FOR FORMING POROUS FILM, POROUS FILM AND  
METHOD FOR FORMING THE SAME, INTERLEVEL INSULATOR FILM,  
AND SEMICONDUCTOR DEVICE

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97(c)**

Sir:

Attached is a list of documents on form PTO-1449 along with a copy of any cited foreign patent documents and non-patent literature document in accordance with 37 CFR 1.98(a)(2). Also enclosed is a translation or a concise explanation of each non-English language document.

It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By identifying the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead identifying the listed documents for the sake of full disclosure.

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(c), before final Office Action or Allowance, whichever is earlier.

In accordance with the requirements of 37 C.F.R. § 1.97(c), the following statement as specified in 37 C.F.R. § 1.97(e) is made:

12/28/2005 HLE333 00000033 10706862

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180.00 0P

In re: Ogihara et al.  
Appl. No.: 10/706,862  
Filed: November 12, 2003  
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A check for the \$180.00 fee specified in 37 C.F.R. § 1.17(p) is enclosed. The Commissioner is authorized to charge any additional fee, or credit any refund, to our Deposit Account No. 16-0605.

Respectfully submitted,



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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 21, 2005.

  
Shana Moore



Substitute for form 1449/PTO  
(Revised 07/2005)

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

## **Complete if Known**

Application Number 10/706,862  
 Filing Date November 12, 2003  
 First Named Inventor Ogihara, et al.  
 Group Art Unit 1711  
 Examiner Name Zemel, Irina Sopjia  
 Attorney Docket Number 035576/271443

## **U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
	1	US-2002/0020327	02-21-2002	Hayashi, et al.	
	2	US-2002/0098279 A1	07-25-2002	Lyu, et al.	
	3	US-2002/0155053 A1	10-24-2002	Nishiyama, et al.	
	4	US-2003/0091838	05-15-2003	Hayashi, et al.	
	5	US-2003/0104225	06/05/2003	Shiota, et al.	
	6	US-2003/0064321	04-03-2003	Malik, et al.	
	7	US-4,634,509	01-06-1987	Shimizu, et al.	
	8	US-5,707,783	01-13-1998	Stauffer, et al.	
	9	US-5,494,859	02-27-1996	Kapoor	
	10	US-6,037,275	03-14-2000	Wu, et al.	
	11	US-6,197,913 B1	03-06-2001	Zhong	
	12	US-6,313,045	11-06-2001	Zhong, et al.	
	13	US-6,359,096	03-19-2002	Zhong, et a.	
	14	US-6,376,634	04-23-2002	Nishikawa, et al.	
	15	US-6,391,999 B1	05-21-2002	Crivello	
	16	US-6,413,647	07-02-2002	Hayashi, et al.	
	17	US-6,512,071	01-28-2003	Hacker, et al.	
	18	US-6,533,855	03-18-2003	Gaynor, et al.	
	19	US-6,534,025	03-18-2003	Yano, et al.	
	20	US-6,596,404	07-22-2003	Albaugh, et al.	
	21	US-6,632,489	10-14-2003	Watanabe, et al.	
	22	US-6,639,015	10-28-2003	Nakashima, et al.	
	23	US-6,696,538	02-24-2004	Ko, et al.	

Examiner Signature		Date Considered	
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449/PTO (Revised 07/2005)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
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				First Named Inventor	Ogihara, et al.
				Group Art Unit	1711
				Examiner Name	Zemel, Irina Sopjia
Sheet	2	of	4	Attorney Docket Number	035576/271443

FOREIGN PATENT DOCUMENTS						
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	24	EP 1223192	07-17-2002	Shin-Etsu Chemical Co., Ltd.		
	25	EP 1245642	10-02-2002	Samsung Electronics Co., Ltd.		
	26	JP 05-125191	05-21-1993	Kanegafuchi Chem. Ind. Co. Ltd.		Abstract only
	27	JP 06-145599	05-24-1994	Toray Industries, Inc.		Abstract only
	28	JP 63-015355	04-04-1988	Tama Chemical Co. Ltd.		Abstract only
	29	JP 09-194298	07-29-1997	Rikagaku Kenkyusho		Abstract only
	30	JP 2000-309751	11-07-2000	JSR Corp.		Abstract only
	31	JP 2000-309753	11-07-2000	JSR Corp.		Abstract only
	32	JP 2000-345041	12-12-2000	JSR Corp.		Abstract
	33	JP 2000-044875	02-15-2000	JSR Corp.		Abstract only
	34	JP 2001-002993	01-09-2001	JSR Corp.		Abstract only
	35	JP 2001-080915	03-27-2001	Matsushita Electric Ind Co Ltd		Abstract only
	36	JP 2001-98218	04-10-2001	Hitachi Chem. Co., Ltd.		Abstract only
	37	JP 2001-115021	04-24-2001	Asahi Kasei Corp.		Abstract only
	38	JP 2001-115028	04-24-2001	JSR Corp.		Abstract only

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	39	JP 2001-115029	04-24-2001	JSR Corp.		Abstract only
	40	JP 2001-130911	05-15-2001	Japan Chemical Innovation Institute		Abstract only
	41	JP 2001-131479	05-15-2001	Tokyo Ohka Kogyo Co., Ltd.		Abstract only
	42	JP 2001-157815	06-12-2001	Toyota Central Res. & Dev. Lab Inc. & Denso Corp.		Abstract only
	43	JP 2001-164186	06-19-2001	JSR Corp.		Abstract Only
	44	JP 2001-203197	07-27-2001	JSR Corp.		Abstract only
	45	JP 2001-240798	09-04-2001	JSR Corp.		Abstract only
	46	JP 2001-354904	12-25-2001	JSR Corp.		Abstract only
	47	JP 2001-049178	02-20-2001	JSR Corp.		Abstract only
	48	JP 2001-049179	02-20-2001	JSR Corp.		Abstract only
	49	JP 2001-055554	02-27-2001	JSR Corp.		Abstract & claims only
	50	JP 2002-020688	01-23-2002	JSR Corp.		Abstract only
	51	JP 2002-020689 A	01-23-2002	JSR Corp.		Abstract only

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Sheet	4	of	4	Attorney Docket Number	035576/271443

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	52	JP 2002-023354	01-23-2002	Shin-Etsu Chemical Co., Ltd.		Abstract only
	53	JP 2002-030249 A	01-31-2002	Catalysts & Chem. Ind. Co. Ltd.		Abstract only
	54	JP 2002-038090 A	02-06-2002	JSR Corp.		Abstract only
	55	WO 00/12640	03-09-200	Catalysts & Chemicals Industries Co., Ltd.		Abstract only

<b>OTHER DOCUMENTS</b>			
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Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) , volume-issue number(s), publisher, city and-or country where published.	English Language Translation Attached
	56	BURKETT ET AL., "Synthesis Of Hybrid Inorganic-Organic Mesoporous Silica By Co-Condensation Of Siloxane And Organosiloxane Precursors," <u>J. Chem. Soc. Chem. Commun.</u> , 1996, 1367-1368.	
	57	INAGAKI ET AL., "Synthesis Of Highly Ordered Mesoporous Materials From A Layered Polysilicate", <u>J. Chem. Soc. Chem. Commun.</u> , 1993, pp. 680-682.	

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